



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: DA30216006-003

Harvest/Lot ID: HYB-FC-021523-C0078

Batch#: 4184 5681 0130 1799

Cultivation Facility: Zolfo Springs Cultivation

Processing Facility: Zolfo Springs

Processing

Distributor Facility:

Source Facility: Zolfo Springs Cultivation

Seed to Sale# 8769 3970 6405 3656

Batch Date: 01/24/23

Sample Size Received: 31.5 gram

Total Amount: 655 units

Retail Product Size: 3.5 gram

Ordered: 02/15/23

Sampled: 02/15/23

Completed: 02/18/23

Sampling Method: SOP.T.20.010

Feb 18, 2023 | FLUENT

82 NE 26th street
 Miami, FL, 33137, US



PASSED

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PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals Solvents
NOT TESTED



Filtration
PASSED



Water Activity
PASSED



Moisture
PASSED



Terpenes
TESTED

MISC.



Cannabinoid

PASSED



Total THC

22.481%

Total THC/Container : 786.835 mg



Total CBD

0.073%

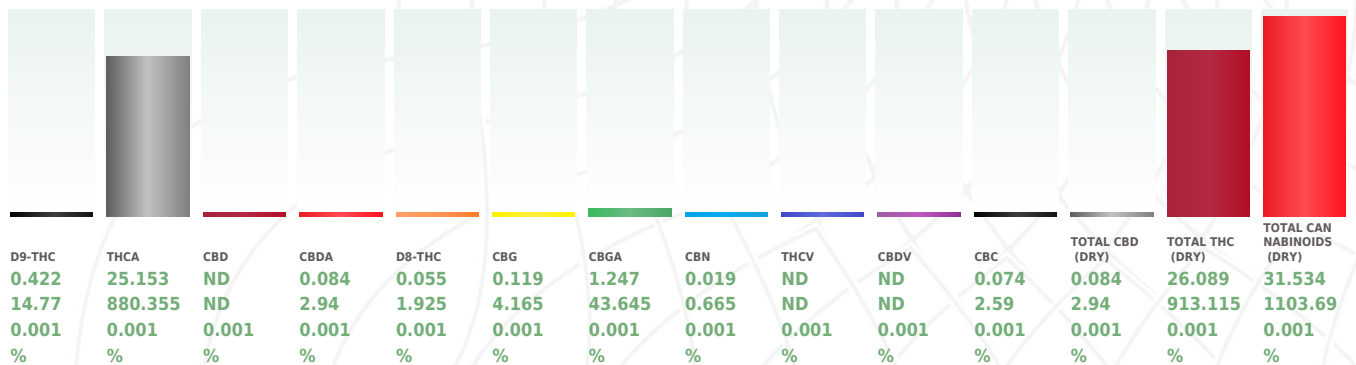
Total CBD/Container : 2.555 mg



Total Cannabinoids

27.173%

Total Cannabinoids/Container : 951.055 mg



Analyzed by:
 3112, 1665, 585, 3963

Weight:
 0.2023g

Extraction date:
 02/16/23 11:32:25

Extracted by:
 3112

Analysis Method : SOP.T.40.031, SOP.T.30.031
 Analytical Batch : DA056203POT
 Instrument Used : DA-LC-002
 Running on : 02/16/23 12:32:58

Reviewed On : 02/17/23 11:10:03
 Batch Date : 02/16/23 09:47:21

Dilution : 400
 Reagent : 021623.R03; 071222.01; 021623.R01
 Consumables : 239146; CE0123; 210803-059; 61633-125C6-125E; R1KB14270
 Pipette : DA-079; DA-108; DA-078

Full Spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.



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Terpenes

TESTED

Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	Result (%)
TOTAL TERPENES	0.007	65.66	1.876		FARNESENE	0	ND	ND	
TOTAL TERPINEOL	0.007	0.84	0.024		ALPHA-HUMULENE	0.007	5.005	0.143	
ALPHA-BISABOLOL	0.007	1.68	0.048		VALENCENE	0.007	ND	ND	
ALPHA-PINENE	0.007	1.505	0.043		CIS-NEROLIDOL	0.007	ND	ND	
CAMPHENE	0.007	<0.7	<0.02		TRANS-NEROLIDOL	0.007	1.365	0.039	
SABINENE	0.007	ND	ND		CARYOPHYLLENE OXIDE	0.007	<0.7	<0.02	
BETA-PINENE	0.007	1.995	0.057		GUAIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	7.525	0.215		CEDROL	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	ND	ND		<div>Analyzed by: 2076, 585, 3963</div> <div>Weight: 0.8179g</div> <div>Extraction date: 02/16/23 14:05:36</div> <div>Extracted by: 2076</div> <div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL</div> <div>Analytical Batch : DA056214TER</div> <div>Instrument Used : DA-GCMS-004</div> <div>Running on : 02/17/23 09:13:21</div> <div>Reviewed On : 02/18/23 15:29:43</div> <div>Batch Date : 02/16/23 10:08:42</div>				
3-CARENE	0.007	ND	ND						
ALPHA-TERPINENE	0.007	ND	ND						
LIMONENE	0.007	12.215	0.349						
EUCALYPTOL	0.007	ND	ND		<div>Dilution : 10</div> <div>Reagent : N/A</div> <div>Consumables : N/A</div> <div>Pipette : N/A</div> <div>Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.</div>				
OCIMENE	0.007	ND	ND						
GAMMA-TERPINENE	0.007	ND	ND						
SABINENE HYDRATE	0.007	<0.7	<0.02						
TERPINOLENE	0.007	<0.7	<0.02						
FENCHONE	0.007	<0.7	<0.02						
LINALOOL	0.007	2.8	0.08						
FENCHYL ALCOHOL	0.007	1.54	0.044						
ISOPULEGOL	0.007	ND	ND						
CAMPHOR	0.013	<1.4	<0.04						
ISOBORNEOL	0.007	ND	ND						
BORNEOL	0.013	<1.4	<0.04						
HEXAHYDROTHYMOL	0.007	ND	ND						
NEROL	0.007	ND	ND						
PULEGONE	0.007	<0.7	<0.02						
GERANIOL	0.007	<0.7	<0.02						
GERANYL ACETATE	0.007	ND	ND						
ALPHA-CEDRENE	0.007	ND	ND						
BETA-CARYOPHYLLENE	0.007	12.285	0.351						
Total (%)			1.876						



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<div><div></div><div>Pesticides</div></div>						PASSED					
Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
TOTAL CONTAMINANT LOAD (PESTICIDES)	0.01	ppm	5	PASS	ND	OXAMYL	0.01	ppm	0.5	PASS	ND
TOTAL DIMETHOMORPH	0.01	ppm	0.2	PASS	ND	PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND
TOTAL PERMETHRIN	0.01	ppm	0.1	PASS	ND	PHOSMET	0.01	ppm	0.1	PASS	ND
TOTAL PYRETHRINS	0.01	ppm	0.5	PASS	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
TOTAL SPINETORAM	0.01	ppm	0.2	PASS	ND	PRALLETHRIN	0.01	ppm	0.1	PASS	ND
TOTAL SPINOSAD	0.01	ppm	0.1	PASS	ND	PROPICONAZOLE	0.01	ppm	0.1	PASS	ND
ABAMECTIN B1A	0.01	ppm	0.1	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND
ACEPHATE	0.01	ppm	0.1	PASS	ND	PYRIDABEN	0.01	ppm	0.2	PASS	ND
ACEQUINOCYL	0.01	ppm	0.1	PASS	ND	SPIROMESIFEN	0.01	ppm	0.1	PASS	ND
ACETAMIPRID	0.01	ppm	0.1	PASS	ND	SPIROTETRAMAT	0.01	ppm	0.1	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.01	ppm	0.1	PASS	ND	TEBUCONAZOLE	0.01	ppm	0.1	PASS	ND
BIFENAZATE	0.01	ppm	0.1	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
BIFENTHRIN	0.01	ppm	0.1	PASS	ND	THIAMETHOXAM	0.01	ppm	0.5	PASS	ND
BOSCALID	0.01	ppm	0.1	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	0.1	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.15	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	PARATHION-METHYL *	0.01	PPM	0.1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	1	PASS	ND	CAPTAN *	0.07	PPM	0.7	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	1	PASS	ND	CHLORDANE *	0.01	PPM	0.1	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	CHLORFENAPYR *	0.01	PPM	0.1	PASS	ND
CLOFENTEZINE	0.01	ppm	0.2	PASS	ND	CYFLUTHRIN *	0.05	PPM	0.5	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND	CYPERMETHRIN *	0.05	PPM	0.5	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND	Analyzed by: 3379, 585, 3963 Weight: 0.9608g Extraction date: 02/16/23 14:27:39 Extracted by: 585,3379					
DIAZINON	0.01	ppm	0.1	PASS	ND	Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.101.FL (Gainesville), SOP.T.40.102.FL (Davie)					
DICHLORVOS	0.01	ppm	0.1	PASS	ND	Analytical Batch : DA056207PES Reviewed On : 02/17/23 10:54:57					
DIMETHOATE	0.01	ppm	0.1	PASS	ND	Instrument Used : DA-LCMS-003 (PES) Batch Date : 02/16/23 09:56:43					
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	Running on : 02/16/23 14:29:23					
ETOFENPROX	0.01	ppm	0.1	PASS	ND	Dilution : 250					
ETOXAZOLE	0.01	ppm	0.1	PASS	ND	Reagent : 021323.R01; 021423.R04; 021323.R14; 012423.R21; 021523.R01; 040521.11					
FENHEXAMID	0.01	ppm	0.1	PASS	ND	Consumables : 6697075-02					
FENOXYCARB	0.01	ppm	0.1	PASS	ND	Pipette : DA-093; DA-094; DA-219					
FENPYROXIMATE	0.01	ppm	0.1	PASS	ND	Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
FIPRONIL	0.01	ppm	0.1	PASS	ND	Analyzed by: 450, 585, 3963 Weight: 0.9608g Extraction date: 02/16/23 14:27:39 Extracted by: 585,3379					
FLONICAMID	0.01	ppm	0.1	PASS	ND	Analysis Method : SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL (Gainesville)					
FLUDIOXONIL	0.01	ppm	0.1	PASS	ND	Analytical Batch : DA056209VOL Reviewed On : 02/17/23 10:57:32					
HEXYTHIAZOX	0.01	ppm	0.1	PASS	ND	Instrument Used : DA-GCMS-006 Batch Date : 02/16/23 10:01:59					
IMAZALIL	0.01	ppm	0.1	PASS	ND	Running on : 02/16/23 14:51:21					
IMIDACLOPRID	0.01	ppm	0.4	PASS	ND	Dilution : 250					
KRESOXIM-METHYL	0.01	ppm	0.1	PASS	ND	Reagent : 021323.R14; 040521.11; 021023.R34; 021023.R35					
MALATHION	0.01	ppm	0.2	PASS	ND	Consumables : 6697075-02; 14725401					
METALAXYL	0.01	ppm	0.1	PASS	ND	Pipette : DA-080; DA-146; DA-218					
METHIOCARB	0.01	ppm	0.1	PASS	ND	Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
METHOMYL	0.01	ppm	0.1	PASS	ND						
MEVINPHOS	0.01	ppm	0.1	PASS	ND						
MYCLOBUTANIL	0.01	ppm	0.1	PASS	ND						
NALED	0.01	ppm	0.25	PASS	ND						



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	Microbial	PASSED		Mycotoxins	PASSED
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Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	Units	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
SALMONELLA SPECIFIC GENE			Not Present	PASS		AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS		OCHRATOXIN A	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FUMIGATUS			Not Present	PASS		AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS TERREUS			Not Present	PASS		AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS							
TOTAL YEAST AND MOLD	10	CFU/g	<10	PASS	100000						
Analyzed by: 3621, 3336, 3390, 585, 3963 Weight: 0.8667g Extraction date: 02/16/23 11:30:35 Extracted by: 3621 Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL Analytical Batch : DA056192MIC Instrument Used : DA-265 Gene-UP RTPCR Running on : 02/16/23 11:41:08 Dilution : N/A Reagent : 012423.R27; 020823.R57 Consumables : 500124 Pipette : N/A						Analyzed by: 3379, 585, 3963 Weight: 0.9608g Extraction date: 02/16/23 14:27:39 Extracted by: 585,3379 Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.40.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.102.FL (Davie) Analytical Batch : DA056208MYC Instrument Used : N/A Running on : 02/16/23 14:29:48 Dilution : 250 Reagent : 021323.R01; 021423.R04; 021323.R14; 012423.R21; 021523.R01; 040521.11 Consumables : 6697075-02 Pipette : DA-093; DA-094; DA-219					
Reviewed On : 02/18/23 13:12:26 Batch Date : 02/16/23 08:27:41						Reviewed On : 02/17/23 10:56:04 Batch Date : 02/16/23 10:01:57					

Analyzed by: 3390, 3336, 585, 3963	Weight: 1.0250g	Extraction date: 02/16/23 11:33:46	Extracted by: 3621
Analysis Method : SOP.T.40.208 (Gainesville), SOP.T.40.209.FL Analytical Batch : DA056227TYM Instrument Used : Incubator (25-27C) DA-097 Running on : 02/16/23 14:34:03 Dilution : 10 Reagent : 110822.12; 013123.R21 Consumables : N/A Pipette : N/A			
Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.			

	Heavy Metals	PASSED
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Metal	LOD	Units	Result	Pass / Fail	Action Level
TOTAL CONTAMINANT LOAD METALS	0.11	ppm	ND	PASS	1.1
ARSENIC	0.02	ppm	ND	PASS	0.2
CADMIUM	0.02	ppm	ND	PASS	0.2
MERCURY	0.02	ppm	ND	PASS	0.2
LEAD	0.05	ppm	ND	PASS	0.5
Analyzed by: 1022, 53, 3963, 585 Weight: 0.4837g Extraction date: 02/16/23 10:22:41 Extracted by: 3619 Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL Analytical Batch : DA056200HEA Instrument Used : DA-ICPMS-003 Running on : 02/16/23 14:52:37 Dilution : 50 Reagent : 012523.R01; 123022.R14; 021023.R29; 021523.R47; 021023.R27; 021023.R28; 021423.R08; 020723.R34; 020123.02 Consumables : 179436; 210508058; 210803-059 Pipette : DA-061; DA-216					

Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.



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Filth/Foreign Material

PASSED


Moisture

PASSED

Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	0.5	%	ND	PASS	1
Analyzed by: 1879, 3963	Weight: NA	Extraction date: N/A	Extracted by: N/A		
Analysis Method : SOP.T.40.090			Reviewed On : 02/17/23 13:10:12 Batch Date : 02/17/23 12:34:35		
Analytical Batch : DA056297FIL					
Instrument Used : Filth/Foreign Material Microscope					
Running on : 02/17/23 13:02:23					
Dilution : N/A					
Reagent : N/A					
Consumables : N/A					
Pipette : N/A					

Filth and foreign material inspection is performed by visual inspection utilizing naked eye and microscope technologies in accordance with F.S. Rule 64ER20-39.


Water Activity

PASSED

Analyte	LOD	Units	Result	P/F	Action Level
Water Activity	0.1	aw	0.588	PASS	0.65
Analyzed by: 2926, 585, 3963	Weight: 0.533g	Extraction date: 02/16/23 14:23:45		Extracted by: 2926	
Analysis Method : SOP.T.40.019					
Analytical Batch : DA056225WAT			Reviewed On : 02/17/23 11:10:04		
Instrument Used : DA-028 Rotronic Hygropalm			Batch Date : 02/16/23 11:28:24		
Running on : 02/16/23 14:21:34					
Dilution : N/A					
Reagent : 100522.07					
Consumables : PS-14					
Pipette : N/A					

Water Activity is performed using a Rotronic HygroPalm HP 23-AW in accordance with F.S. Rule 64ER20-39.

Analyte	LOD	Units	Result	P/F	Action Level
Moisture Content	1	%	13.83	PASS	15
Analyzed by: 2926, 53, 3963	Weight: 0.499g	Extraction date: 02/16/23 15:21:00		Extracted by: 2926	
Analysis Method : SOP.T.40.021					
Analytical Batch : DA056230MOI			Reviewed On : 02/17/23 07:32:43		
Instrument Used : DA-003 Moisture Analyzer			Batch Date : 02/16/23 11:36:02		
Running on : 02/16/23 15:18:29					
Dilution : N/A					
Reagent : 101920.06; 020123.02					
Consumables : N/A					
Pipette : DA-066					

Moisture Content analysis utilizing loss-on-drying technology in accordance with F.S. Rule 64ER20-39.